

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 87-046

WASTE DISCHARGE REQUIREMENTS FOR:

BENEDETTI FARMS, INC. and WILLIE BIRD TURKEYS
SONOMA COUNTY

The California Regional Water Quality Control Board (hereinafter called the Board) finds that:

1. Benedetti Farms, Inc. and Willie Bird Turkeys (hereinafter called the discharger) has submitted a report of waste discharge dated December 23, 1986 regarding a proposed animal slaughterhouse facility. The slaughterhouse was previously owned and operated by a different party and regulated by Regional Board Order No. 81-42.
2. The discharger proposes to operate an animal slaughterhouse to be located at 23250 Maffie Road, Sonoma, California. Wastewater generated at the site is proposed to be disposed of as follows:
 - a. Waste 001 consists of approximately 800 gallons per day of washdown water from the slaughterhouse facility. The washdown water will be settled in a catch basin with overflow to a series of three ponds. The catch basin will be cleaned daily with solids hauled to a disposal site. The wastewater in the ponds will be disposed by evaporation.
 - b. Waste 002 consists of sanitary waste of approximately 100 gallons per day to be discharged into two septic tank and leachfield systems previously constructed on the site.
3. The Board adopted a Water Quality Control Plan (Basin Plan) for the San Francisco Bay Basin on December 00, 1986. The Basin Plan contains water quality objectives for the ground water of the lower Sonoma Valley.
4. The beneficial uses of the ground water of the lower Sonoma Valley are:
 - a. domestic water supply
 - b. agricultural water supply
5. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharger and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.

6. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, that the discharger shall comply with the following:

A. Discharge Specifications

1. The treatment of Waste 001 and Waste 002 shall not create an odor or other nuisance as defined in Section 13050(m) of the California Water Code.
2. The disposal of waste shall not cause degradation of ground water suitable for domestic use, or cause an increase in any quality parameter that would make ground water unsuitable for irrigation.
3. The discharger shall maintain in good working order and operate as efficiently as possible any facility of control system installed by the discharger to achieve compliance with the discharge requirements.
4. The discharge of waste shall not cause seepage to be present outside the treatment ponds or septic tank leachfield areas.
5. Neither Waste 001 nor Waste 002 shall be allowed to escape from the discharger's property into the waters of the State via surface flow or surfacing after percolation.

Waste Treatment Ponds

4. Waste 001 as contained in the ponds shall meet the following limits at all times:

Dissolved oxygen	2.0 mg/l minimum
Dissolved Sulfide	0.2 mg/l maximum
5. A minimum of two feet of freeboard shall be maintained in the ponds at all times.
6. The public shall be effectively excluded and notified of the presence of wastewater in the ponds.
7. The wastewater flow to the ponds is to be metered and shall not exceed 800 gallons per day.

Septic Tank Leachfields

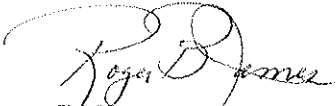
8. Waste 002 (sanitary waste) shall not be discharged into the pond system.
9. Waste 002 shall remain below ground at all times.
10. Waste 002 shall not cause degradation or groundwater suitable for domestic or industrial use.

C. Provisions

1. The discharger will comply with all sections of this Order immediately upon adoption.
2. Board Order No. 81-42 is hereby rescinded.
3. The discharger shall comply with the Self-Monitoring Program as ordered by the Executive Officer.
4. All ponds shall be protected against erosion, washout, and flooding from a flood having a predicted frequency of once in 100 years. The discharger shall document compliance with this provision before the discharge of Waste 001 commences.
5. All necessary waste handling facilities shall be constructed and operable before the discharge of Waste 001 or Waste 002 commences.
6. The discharger shall permit the Regional Board:
 - a. Entry upon premises in which an effluent source is located or in which any required records are kept,
 - b. Access to copy any records required to be kept under the terms and conditions of this Order,
 - c. Inspection of monitoring equipment or records, and
 - d. Sampling of any discharge.
7. The discharger shall file with the Regional Board a report of waste discharge at least 120 days before making any material change or proposed change in the character, location, or volume of the discharge.
8. In the event of any change in control of ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of this Order by a letter, a copy of which shall be forwarded to this Board.

9. This Order is subject to Board review and updating, as necessary, to comply with changing State and Federal laws, regulations, policies, or guidelines; changes in the Regional Board Basin Plan; or changes in the discharge characteristics, in 10 year increments from the effective date of this Order.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region on May 20, 1987.



ROGER B. JAMES
Executive Officer

Attachment:
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

FINAL
SELF-MONITORING PROGRAM
FOR

BENEDETTI FARMS
and
WILLIE BIRD TURKEYS
SONOMA, SONOMA COUNTY

ORDER NO. 87-046

CONSISTS OF

PART A

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

PART A

1. GENERAL

Reporting responsibilities of waste dischargers are specified in this Regional Board's Resolution No. 73-16 and in Sections 13225(a), 13268, 13383, and 13387(b) of the California Water Code.

The principal purposes of a monitoring program by a waste discharger, also referred as a self-monitoring program, are:

- a. To document compliance with waste discharge requirements and prohibitions established by the Regional Board.
- b. To facilitate self-policing by the waste discharger in the prevention and abatement of pollution arising from waste discharge.

2. SAMPLING AND ANALYTICAL METHODS

Sample collection, storage, and analyses shall be performed according to the latest edition of

"Standard Methods for the Examination of Water and Wastewater"

prepared and published jointly by the American Public Health Association, American Water Works Association, and Water Pollution Control Federation; or other methods approved and specified by the Executive Officer of this Regional Board.

Water and waste analyses shall be performed by a laboratory approved for these analyses by the State Department of Health or a laboratory approved by the Executive Officer. The Director of the laboratory whose name appears on the certification shall supervise all analytical work in his laboratory and shall sign all reports of such work to the Regional Board.

All monitoring instruments and equipment shall be properly calibrated and maintained to ensure accuracy of measurements.

3. DEFINITION OF TERMS

1. A grab sample is defined as an individual sample collected in less than 15 minutes.

2. Standard Observations

a. Evaporation Ponds

This applies both to liquid and solid wastes confined or unconfined.

- (1) Determine height of the freeboard at the lowest point of dikes confining liquid wastes.
- (2) Evidence of leaching liquid from area of confinement and estimated size of affected area (Show affected area on a sketch).
- (3) Odor: presence or absence, characterization, source, and distance of travel.
- (4) Estimated number of waterfowl and other water-associated birds in the reservoir area and vicinity.

b. Septic Tank Leachfields

- (1) Evidence of waste resurfacing
- (2) Wet spots or lush growth existing in the septic tank and/or leachfield area.

4. DESCRIPTION OF SAMPLING STATIONS AND SCHEDULE OF SAMPLING, ANALYSIS AND OBSERVATIONS

1. Description of Sampling Stations

a. Pond System Monitoring

Station	Description
I-1	At the inlet to the treatment ponds where wastes leave the collection system.
E-1 thru E-3	At any point on the surface of each evaporation pond, representative of the wastewater.

b. Land Observations

Station	Description
P-1 thru P-'n'	Located at points spaced equidistantly along the perimeter levees of the evaporation ponds.

S-1 thru S-'n' At any point surfacing wastes appears.

c. Groundwater

Station	Description
G-1	A representative groundwater station located on the property.

2. The discharger is required to perform observations, sampling and analysis according to the schedule given in Table I.

5. REPORTS TO BE FILED WITH THE BOARD

1. Violation of Requirements

In the event the discharger is unable to comply with the conditions of the requirements and prohibitions of this Order due to:

- (a) maintenance work, power failure, or breakdown of waste treatment equipment, or
- (b) accidents caused by human error or negligence, or
- (c) other causes such as acts of nature,

the discharger shall notify the Regional Board office by telephone as soon as he or his agents have knowledge of the incident and confirm this notification in writing within two weeks of the telephone notification. The written report shall include pertinent information explaining reasons for the non-compliance and shall indicate what steps were taken to prevent the problems from recurring.

2. Self-Monitoring Reports

Written reports shall be filed quarterly by the fifteenth day of the following month (April, July, October, and January). The reports will be comprised of the following:

(a) Letter of Transmittal

A letter transmitting self-monitoring reports should accompany each report. Such a letter shall include:

- i. A discussion of requirement violations found during the past month.
- ii. Actions taken or planned for correcting the violations such as operation modifications, and/or facilities expansion.

iii. If the discharger has previously submitted a time schedule for correcting requirement violations, a reference to the correspondence transmitting such schedule will be satisfactory.

iv. A statement by the official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

(b) Data Results

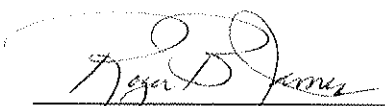
All results observed or analyzed including dates and times of sampling and/or observations.

(c) Map

A map shall accompany the report showing sampling and observation locations.

I, Roger B. James, Executive Officer, do hereby certify that the foregoing Self-monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with the Water Reclamation Requirements established in Regional Board Order No. 87-046.
2. Is effective on the date shown below.
3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the Producers or Users, and revisions will be ordered by the Executive Officer.



ROGER B. JAMES
Executive Officer

Effective Date: MAY 26, 1987

Attachments:
Table I

ATTACHMENT A

TABLE I

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

SAMPLING SATATIONS	I-1	E-1 thru E-3	G-1	P-1 thru P-'n
Type of Samples	G	G	G	O
Flow Rate (gpd)	D			
pH (unit)		M		
Dissolved Oxygen (mg/l)		M		
Sulfides, Total & Dissolved (mg/l) *		M		
Settleable matter (mg/l-hr)		M		
Coliform Organisms (MPN/100ml)			A**	
Nitrate Chloride (mg/l)			A**	
All Applicable Standard Observations				W

LEGEND FOR TABLE

G = Grab Sample
O = Observation

D = Daily
W = Weekly
M = Monthly
A = Annually

Notes:

- * Analyze for this item only when Dissolved Oxygen is below 2.0 mg/l.
- ** To be taken in the month of June.